

# Airport Noise Plan

Public Information Meeting  
Roper Elementary  
February 3, 2004

Lincoln/Lancaster County Planning Department  
Lincoln Airport Authority



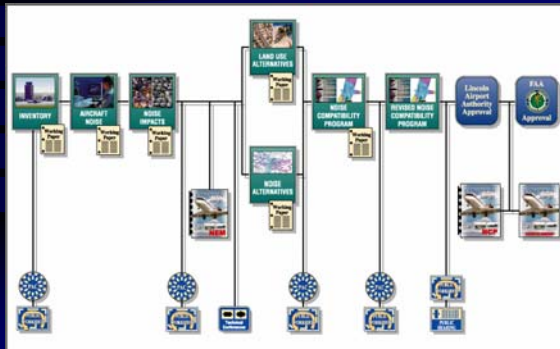
# Airport Noise Plan

## Presentation Outline

- *Introduction*
- *Lincoln Airport Authority*
  - *Noise Compatibility Study*
- *Planning Department*
  - *Comprehensive Plan amendments*
  - *Zoning Ordinance amendments*
- *Timeline/ Community Involvement*

# Lincoln Airport Authority

- *Background*
  - *ANCLUC Study, 1980*
  - *Airport Operations*
  - *Lower civilian aircraft noise*
  - *Growing community*
  - *Change of military mission*



# Day-Night Average Sound Level (DNL)

- *FAA standard metric for determining the cumulative exposure of individuals to noise.*
- *24-hour average sound level*
- *10 fold penalties added to noise events occurring between 10:00 p.m. to 7:00 a.m.*

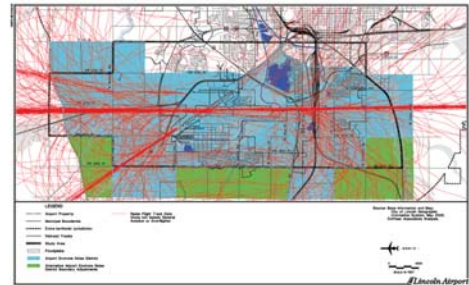
## Noise Compatibility Study

- *Noise Compatibility Program Recommendations*
  - Update Airport Environs District Boundaries
  - Update Airport Environs District Regulations
    - Reflect updated noise exposure contours
    - Incorporate the 60 DNL
  - Update Comprehensive Plan
  - Maintain compatibly zoned areas within the 2002 60 DNL noise exposure contour

Lincoln Airport

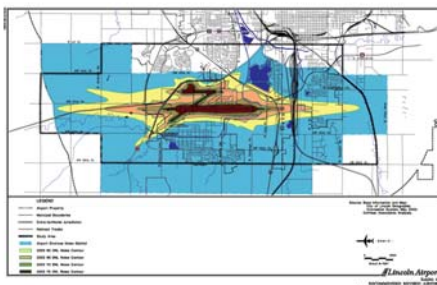
## Lincoln Airport

### Update Airport Environs Noise District boundaries



## Lincoln Airport

Update noise district regulations to incorporate the 2002 noise contours and incorporate the 60 DNL noise contour into the regulations



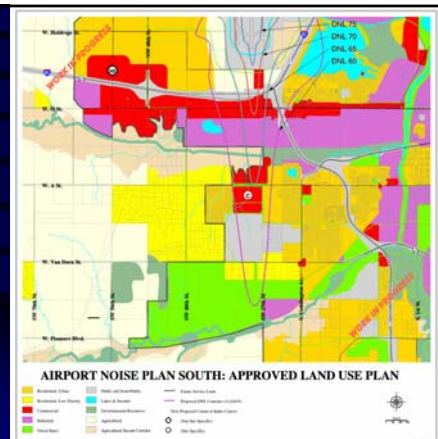
## 2025 City-County Comprehensive Plan

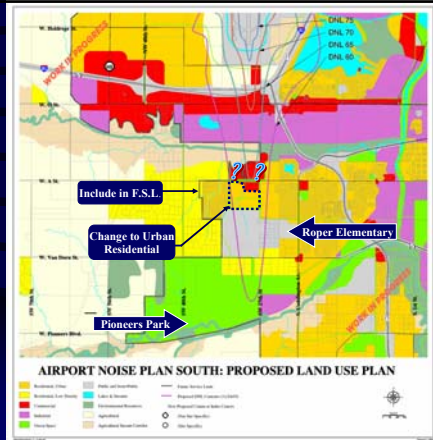
- *Lincoln Airport Noise Compatibility Study*
  - Include as a Subarea Plan
    - Would require changes to land use and zoning regulations to ensure consistency
- *Land use/infrastructure*
  - Process as Comp Plan Amendments
    - Proposals pending City review
      - South Subarea
      - West Subarea



## Airport Noise Plan South

- *Near-Term*
  - Focus on SW 27th & West A Streets
  - Working with property owners
  - Identify land that could change land use
- *Evaluating infrastructure capacity*





## Airport Noise Plan West

- *More issues/larger planning area*
  - *Additional analysis and longer timeframe to complete*
- *Coordinate with neighborhoods, Airport Authority, Lincoln Public Schools, property owners, economic development groups, other public entities*

## Zoning Ordinance

- *Chapter 27.58, Airport Environs Noise District*
  - *The Airport Environs Noise District provides for the disclosure of airport noise and overflight impact to property owners and ensures land use compatibility.*
    - *Require an Avigation and Noise Easement that is perpetual and runs with the land*
  - *Contained in City's Zoning Ordinance and is within the 3-mile extraterritorial jurisdiction*

## Airport Environs Noise District

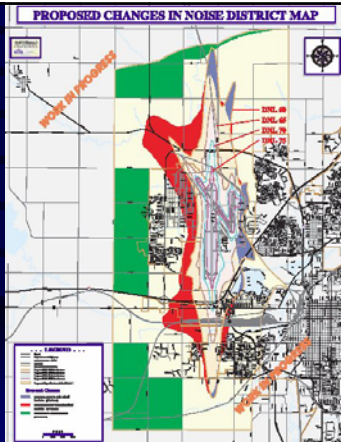
- *Minor Revisions*
- *Map Revisions*
  - *District Boundary and Noise Contours*
- *Noise-Related & Use Regulations*
- *Figures – Allowed "Uses" Matrix & Easement language*
- *Signage*
  - *Evaluating use of permanent signs in ROW to notify public of "Airport Environs Noise District"*

## Minor Revisions

- *Opportunity to review ordinance as a whole and make improvements such as:*
  - *Ldn to DNL*
  - *Definitions*
  - *Eliminate site plan review*
  - *Update sound attenuation requirements*
  - *Update notice and acknowledgement text*

## Map Revisions

- *Noise Contours*
  - *Incorporate the 60 DNL*
  - *Noise contours "shrink"*
    - *But, longer on the north runway approaches*
  - *Changes in property status*
    - *Added to noise-related requirements - 683 acres*
    - *Deleted from noise-related requirements - 2,874 acres*
- *District Boundary*
  - *Require an Avigation and Noise Easement*
    - *Added to District Boundary - 6,484 acres*



## Noise-Related & Use Regulations



- Incorporate 60 DNL
- Prohibit Residential Uses above 65 DNL
  - current ordinance permitted to 70 Ldn
- Change Residential Condition\* to between 60 DNL and 65 DNL
  - current ordinance 65 Ldn to 70 Ldn

\* Condition requires higher building and construction standards

## Noise-Related & Use Regulations cont'd



- Uses permitted up to 65 DNL
  - Outdoor sport, entertainment and public assembly
    - Current ordinance contains no restrictions
  - Educational, religious, health & childcare facilities
    - No difference with current ordinance
    - Meet condition between 60 and 65 DNL
- Uses permitted up to 70 DNL
  - Cemeteries, indoor recreation and spectator sports
  - Current ordinance permits up to 75 Ldn

## Noise-Related & Use Regulations cont'd



- Use permitted up to 70 DNL
  - Race Tracks for Motorized Vehicles
    - Meet Special Permit requirements
- Uses permitted up to 75 DNL
  - Offices, retail and service, restaurants, eating and drinking
  - Meet condition between 60 and 75 DNL

## Timeline



- Awaiting the FAA
- Public Participation/ Involvement
  - Public Information Meetings
  - Outreach with property owners and neighborhoods and individuals
  - Public Hearings @ Planning Commission
    - After FAA approval - tentative for late Spring 2004

## Need More Information?



- City-County Planning Department Website
  - [www.ci.lincoln.ne.us/city/plan/index.htm](http://www.ci.lincoln.ne.us/city/plan/index.htm)
    - Click on "Airport Noise Plan"
    - Submit Comments On-Line
- Questions?